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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/807,299	06/29/2001	Franz A. Dosch	41165-9016	6000

7590 11/02/2004

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EXAMINER

UBILES, MARIE C

ART UNIT	PAPER NUMBER
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2642

DATE MAILED: 11/02/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/807,299

Applicant(s)

DOSCH, FRANZ A.

Examiner

Marie C. Ubiles

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 29 June 2001.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-22 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-22 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 29 June 2001 is/are: a) ☐ accepted or b) ☒ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date 12/26/01.
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____.

DETAILED ACTION

Drawings

1. The drawings filed 6/29/01 are objected to because:
 - Figure 1 requires labeling explaining every numbered element.
 - Figures 2 and 3 are labeled in German language.

Corrected drawing sheets are required in reply to the Office action to avoid abandonment of the application. Any amended replacement drawing sheet should include all of the figures appearing on the immediate prior version of the sheet, even if only one figure is being amended. The figure or figure number of an amended drawing should not be labeled as "amended." If a drawing figure is to be canceled, the appropriate figure must be removed from the replacement sheet, and where necessary, the remaining figures must be renumbered and appropriate changes made to the brief description of the several views of the drawings for consistency. Additional replacement sheets may be necessary to show the renumbering of the remaining figures. The replacement sheet(s) should be labeled "Replacement Sheet" in the page header (as per 37 CFR 1.84(c)) so as not to obstruct any portion of the drawing figures. If the changes are not accepted by the examiner, the applicant will be notified and informed of any required corrective action in the next Office action. The objection to the drawings will not be held in abeyance.

Claim Rejections - 35 USC § 103

2. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

3. Claims 1-22 are rejected under 35 U.S.C. 103(a) as being unpatentable over Sipila (US 6,081,534) in view of Van Der Salm (WO 98/11760).

As for claim 1 and 13-14, Sipila discloses the method and equipment for the arrangement of rate and protocols adaptations required for using data services provided by a cellular telecommunications system, especially the GSM system (or *second radio standard*), from a terminal belonging to another cellular telecommunication system, especially the DECT system (or *first radio standard*)(See Col. 1, lines 6-13). Sipila's system provides a method for implementing the rate adaptations required by the GSM system in the data communication between the DECT and GSM system (See Col. 3, lines 1-5); the adaptations are placed in the interworking unit (or IWU 20a)(may be read on the functions performed by the *electrical data interface* of base station) of DECT base station (See, for example, Fig. 7, DECT FP 20).

Further, Sipila discloses that added to the DECT base station (or *base station for a short-range radio system according to a first standard*) are means (See elements 22-34, Fig. 7) required the rate adaptations and mappings with which the transferred data are converted from the format of GSM system (or *second radio standard*) to the format of DECT system (or *first radio standard*) and viceversa (may be read on "*the base*

station further includes a converting means for converting radio signals received in the first standard into a data format [...] for transmitting the converted data to the mobile radio device via the data interface and for converting the data received by the mobile radio device via the data interface into the first radio standard for transmission to the computer device”).

It can be seen that the functions of providing a base station to perform data conversion from a first radio standard (or DECT) to a second radio standard (or GSM) are performed by the system disclosed by Sipila.

While Sipila does not mention that the communication is performed between a *mobile radio device* and a *computer device*; it would have been obvious to one ordinary skill to use a *computer device* as the exchanged of information between the two standards is data.

Sipila's system lacks “the base station further includes the locating area for inserting a standard mobile radio device working in another second radio standard, with an electrical data interface being disposed in the locating area, the electrical data interface being connected to a corresponding data interface of the mobile radio device when the mobile radio device is being utilized”.

In regards to the aforementioned limitation, Van Der Salm teaches a multimode telecommunication terminal device (or *base station*), comprising a plurality of interfaces for accessing a plurality of wired and/or wireless telecommunication networks, the multimode terminal device may operate under the DECT standard and comprises a terminal interface taking the form of a docking-slot (or *location area*) having a connector for

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receiving a portable cordless phone (or *mobile radio device*), the docking slot further comprises charging means (See *Page 8, lines 1-26*).

It would have been obvious to one of ordinary skill in the art at the time the invention was made, to modify Sipila's system by the teachings of Van Der Salm; and thus in this manner provide a system not only capable of communicating in a plurality of modes but also means to charge the mobile devices being docked in the terminal device (or *base station*).

Claims 10, 12 and 20 are rejected for the same reasons as claims 1. The Examiner believes that the limitation regarding the computer being a "laptop computer" is one of personal preference, and thus deemed not critical.

Claims 17-18 and 12-22 are rejected for the same reasons as claims 13-14.

As for claims 2 and 15, the limitations may be read on the teachings provided by Van Der Salm in *Page 8, lines 16-19*.

As for claims 3-6, the limitations may be read on the teachings provided by Van Der Salm, the shape of the locating area is not critical to the invention.

As for claims 7, 16 and 19, the limitations claimed may be read for example on the teachings provided by Van Der Salm about the user being able to communicate with the PSTN wireline network (See *Page 5, lines 24-26*). Regarding the "third standard is an ISDN standard", it is well-known that the Integrated Services Digital Network (ISDN) transmission protocol is used for transmission between ISDN network terminal interfaces over a PSTN.

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As for claims 8 and 9, "*and additional operation display is provided displaying a charging process*" and "*the base station comprises an operation display for displaying an active radio operation*", reads –for example- in the "charging symbol" and/or a handset/call connected icon provided in mobile devices and being installed in the "locating area", this feature is well-known in the art.

As for claim 11, the limitation regarding "the radio module of the computer device is designed as a PCMCIA card with an antenna being inserted in a port of the computer device" is a well known feature; as it is one way of physically implementing the base unit is to use a PCMCIA (Personal Computer Memory Card International Association) card which is connected to the appropriate interface in the user's workstation or personal computer (PC) this allows for the base station being easily moved to another place (See US 6,131,040 and US 5,949,775)..

Conclusion

4. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Lecuyer et al. (US 5,915,223) discloses a multimode radiotelephone.

Sipila (US 6,163,546) teaches a method and system for data transfer.

Knuutila et al. (US 6,131,040) teaches a wireless communication device receiving configuration data from multiple sources.

Rautiola et al. (US 5,949,775) teaches integrated office communication systems employing a local area network (LAN) for intra-office communications .

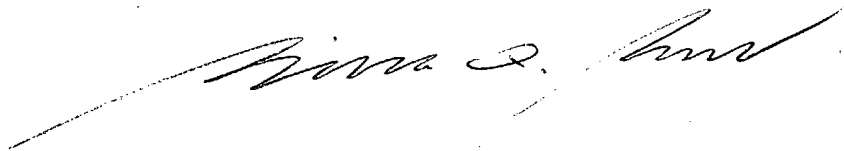
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Any inquiry concerning this communication or earlier communications from the examiner should be directed to Marie C. Ubiles whose telephone number is (703) 305-0684. The examiner can normally be reached on 8am-5pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ahmad Matar can be reached on (703) 305-4731. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Marie C. Ubiles
October 22, 2004.

A handwritten signature in black ink, appearing to read "Bing Q. Bui", is written over a horizontal line.

BING Q. BUI
PRIMARY EXAMINER